

Patent Abstracts of Japan

PUBLICATION NUMBER : 09036089
 PUBLICATION DATE : 07-02-97

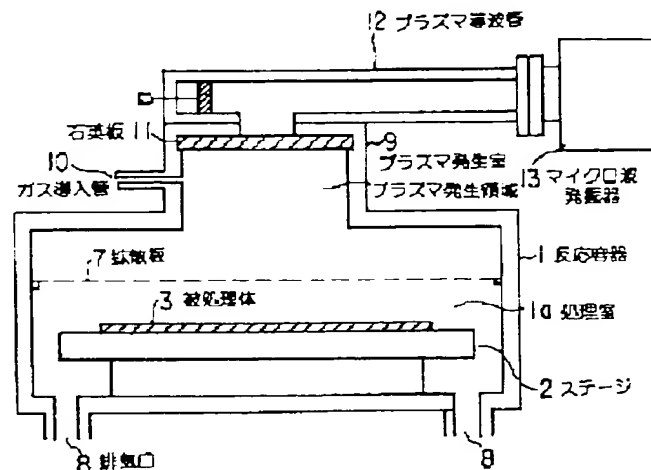
APPLICATION DATE : 19-07-95
 APPLICATION NUMBER : 07182553

APPLICANT : TOSHIBA CORP;

INVENTOR : KOJIMA KAYOKO;

INT.CL. : H01L 21/3065 G03F 7/40 H01L 21/027

TITLE : ASHING METHOD AND DEVICE



ABSTRACT : PROBLEM TO BE SOLVED: To eliminate an organic thin film by increasing a selection ratio to a ground film.

SOLUTION: A gas for ashing where NH_3 gas is mixed to O_2 gas and CHF_2 gas is introduced into a plasma generation room 9, plasma is generated by introducing microwave, and an organic thin film (resist) 6 formed on a-Si film as a ground film on a body 3 to be treated by an active seed generated by the plasma is eliminated. At this time, ammonium salt is formed on the a-Si film to prevent etching to the a-Si film.

COPYRIGHT: (C)1997,JPO